



TFA

Atty. Docket:UCONEN/206/US

patent application of first named inventor: Alexandros Makriyannis

Application No.: 10/647,550 Examiner: J. L. Coppins

Filing Date: August 25, 2003 Group Art Unit: 1614

For: Novel Biphenyl And Biphenyl-like Cannabinoids

### TRANSMITTAL LETTER

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Sir, enclosed herewith is (are):

- Information Disclosure Statement and Form PTO-1449
- Enclosures
- return postcard

It is hereby petitioned that any required extension of time be granted for filing the enclosed papers. An extension of 0 month(s) having a fee of \$0.00 appears required.

☐ If checked, claims are being amended.

	No. of claims remaining after amendment	Highest no. of claims previously paid for	no. extra	claim fee	subtotal
Total			0	\$0	\$0.00
Independent			0	\$0	\$0.00

Total claim fees \$ 0.00

☐ If checked, a check in the amount of \$0.00 is attached. Please credit any overpayment to Deposit Account 16-2563 of Alix, Yale & Ristas, LLP.

The Commissioner is hereby requested and authorized to charge Deposit Account 16-2563 of Alix, Yale & Ristas, LLP for any required extension fee and for any other fee, not enclosed herewith, due for any reason during the pendency of this application or in connection with the accompanying document, including (a) any filing fees under 37 CFR 1.16 for the presentation of extra claims and (b) any patent application processing fees under 37 CFR 1.17. A duplicate copy of this letter is enclosed.

Date: 1-19-2006  
Alix, Yale & Ristas, LLP  
750 Main Street- Suite 1400  
Hartford, CT 06103-2721  
(860) 527-9211

By: [Signature]  
James E. Piotrowski  
Registration No. 43,860  
Attorney for Applicant

The above signatory certifies that this correspondence is being deposited on the date given above with the United States Postal Service as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Re patent application of: Alexandros Makriyannis et al

Application No.: 10/647,550 Examiner: J. L. Coppins

Filing Date: 8/25/2003 Group Art Unit: 1614

For: Novel Biphenyl And Biphenyl-like Cannabinoids

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Sir:

**Information Disclosure Statement**

Applicant submits herewith patents, publications or other information of which they are aware and which they believe may be material to the examination of the above-identified application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

This Information Disclosure Statement is not intended to constitute an admission that any patent, publication or other information referred to herein or submitted herewith is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR 1.97(g) and (h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(b) exists.

For US national applications filed after June 30, 2003 and International applications that have entered the national stage after June 30, 2003 a copy of a cited US patent or cited US patent publication is NOT required. See OG Notices: 5 August 2003.

Accordingly, no copies of a cited US patent or cited US patent publication are enclosed for these citations. A copy of each item other than a US patent or a US patent publication listed on the attached INFORMATION DISCLOSURE CITATION IN AN APPLICATION is supplied herewith.

Citations in italics and having a name preceded with \*\*\* indicate references for which Applicant has no copy to submit. If a copy of any of these references is procured the same will be filed in a subsequent IDS.


Citations in bold type and having a name preceded with \*1\* indicate references which are believed to be more closely related to the claimed subject matter. This indication is not meant to indicate or imply any position with respect to the remaining references.

Citations having a name preceded with \*2\* indicate references which were previously cited but for which a copy of the reference was not available and for which a copy of the reference is being submitted.

Respectfully submitted,

Alexandros Makriyannis et al

Date: 1-19-2006  
750 Main Street- Suite 1400  
Hartford, CT 06103-2721  
(860) 527-9211

By:   
James E. Piotrowski  
Registration No. 43,860  
Alix, Yale & Ristas, LLP  
Attorney for Applicants

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<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>		Application No. 10/647,550		Inventor Alexandros Makriyannis et al	
		Title Novel Biphenyl And Biphenyl-like Cannabinoids			
		Filing Date 8/25/2003	Group Art Unit 1614	Docket No. UCONEN/206/US	
mailed on: <u>January 19, 2006</u>					
<b>UNITED STATES PATENT DOCUMENTS</b>					
Examiner Initial-date	Document No.	Date	Name		Class
	11/166835	6-24-05	Makriyannis et al (atty. docket no. UCONAP/235/US)		
	11/244,770	10-6-05	Makriyannis et al (atty. docket no. UCONAP/242/US)		
	2005-0119234	6/2/05	Makriyannis et al		
	2005-0137173	6/23/05	Makriyannis et al		
	2005-0239874	10/27/05	Makriyannis et al		
	<b>6943266</b>	<b>9/13/05</b>	<b>*1* Makriyannis et al</b>		
<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initial-date	Document No.	Date	Country	Name	Translation
	NL6509930	2/1/66	NL	Geigy AG	no
	WO 02/12167	2/14/02		Maria Luz LOPEZ RODRIGUEZ et al, (in Spaniosh with English abstract)	
	<b>WO 02/058636</b>	<b>8/1/02</b>		<b>*1* Makriyannis et al , in English</b>	
	WO 02/060447	8/8/02		Makriyannis et al , in English	
	WO 03/035005	5/1/03		Makriyannis et al , in English	
	WO 97/45407	12/4/97		Makriyannis et al, in English	
<b>OTHER DOCUMENTS</b>					
Examiner Initial-date	(Include Author, Title, Publication Date, Pertinent Pages, Etc.)				
	<b>*1* *2* Compton D.R. et al; "Pharmacological Profile Of A Series Of Bicyclic Cannabinoid Analogs: Classification as Cannabimimetic Agents"; J. Pharmacol. Exp. Ther.; 260; 201-209; 1992. (abstract only)</b>				
	<b>*1* Huffman et al; "A Pyridone Analogue Of Traditional Cannabinoids. A New Class Of Selective Ligands For The CB2 Receptor."; Biorg. Med. Chem.; Vol. 9(11), November 2001; 2863-2870. (abstract only)</b>				
	Ng et al; "Unique Analogues of Anandamide: Arachidonyl Ethers and Carbamates and Norarachidonyl Carbamates and Ureas"; J. Med. Chem.; 1999; 42(11); 1975-1981				
Examiner		Date Considered			

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	Title Novel Biphenyl And Biphenyl-like Cannabinoids		
	Filing Date 8/25/2003	Group Art Unit 1614	Docket No. UCONEN/206/US
<b>EXAMINER:</b> Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.			